SHARP INSTALLATION MANUAL

CODE : 00ZUPX500VIME

POS TERMINAL

MODEL UP-X500

(V version)

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Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

CONSUMPTION

- LCD (Back light) 15,000 h
- MCR unit 300,000 pass

BATTERY DISPOSAL

Contains Lithium Battery. Must be Disposed of Properly.
Contact Local Environmental Officials for Disposal Instructions.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS.

AVOID: SHORT-CIRCUITING THE BATTERY TERMINALS.
KEEP THE BATTERY AWAY FROM FIRE.

∗ WHEN DISPOSING THE BATTERY, FOLLOW THE LOCAL
RULES AND REGULATIONS.

"BATTERY DISPOSAL"

THIS PRODUCT CONTAINS LITHIUM BATTERY.
THIS BATTERY MUST BE DISPOSED OF PROPERLY.
REMOVE THE BATTERY FROM THE PRODUCT AND CONTACT FEDERAL OR STATE ENVIRONMENTAL AGENCIES FOR INFORMATION ON RECYCLING AND DISPOSAL OPTIONS.

"TRAITEMENT DES ACCUMULATEUR USAGÉS"

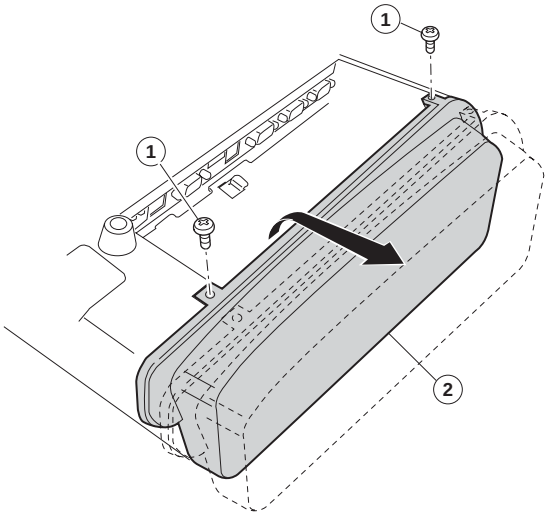
CE PRODUIT CONTIENT UN ACCUMULATEUR À LITHIUM.
CET ACCUMULATEUR USAGÉ DOIT ÊTRE TRAITÉ CORRECTEMENT.
ENLEVEZ L' ACCUMULATEUR DU PRODUIT ET PRENEZ CONTACT AVEC VOTRE AGENCE ENVIRONNEMENTALE LOCALE POUR DES INFORMATIONS SUR LES MÉTHODES DE RECYCLAGE ET DE TRAITEMENT.

Precautions

- Before installation, be sure to turn off the power.
- Use gloves to protect your hands from being cut by the angle and the chassis.
- Connect all the cables securely. When connecting or disconnecting the cables, be careful not to apply stress to the cables. (It may cause disconnection.)
- Ground the human body to prevent against troubles and dust adhesion to the LCD by static electricity. When assembling the LCD, use a discharge blower to prevent against dust intrusion.
- Be careful of the high voltage of the inverter PWB transformer.
- Place the top cabinet with LCD panel side down, Please use a clean dust free clothe to protect the touch panel and LCD area.

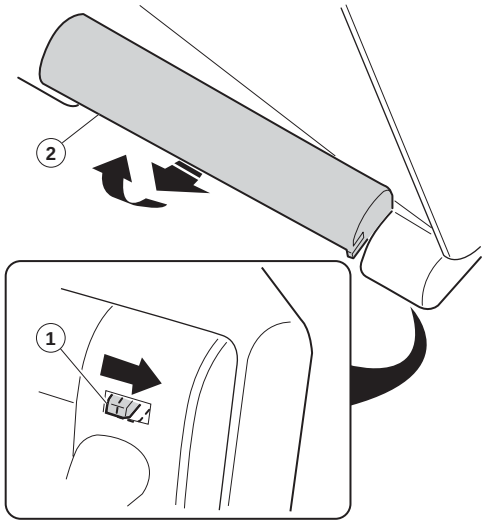
1. Removing the rear cover unit

Remove the screw ①, and remove the rear cover unit ②.



2. Removing the side cover

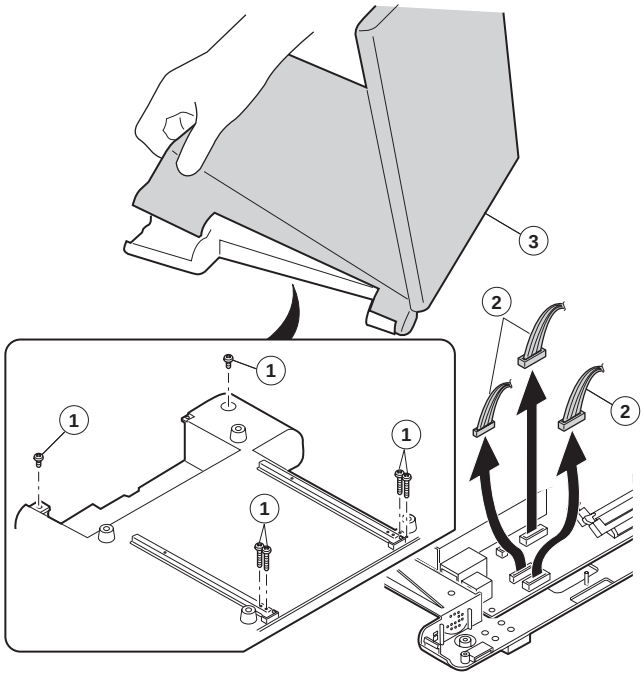
Slide the lever ① to release the lock. Slide the side cover ② toward you and rotate and remove it.



3. Removing the LCD unit

3-1. Removing the top cover section

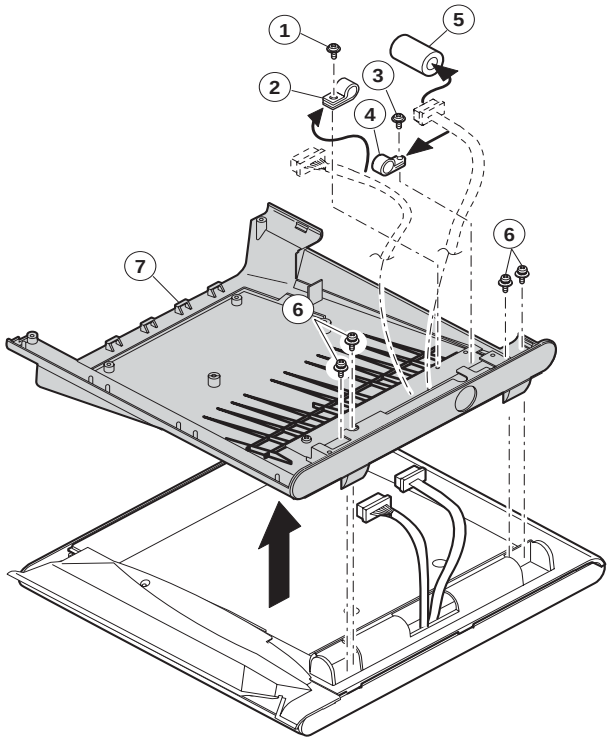
Remove each screw ①, and lift the rear side of the top cover section ③ and disconnect each connector ② and remove.



3-2. Removing the Top cover unit

Caution: Top cover unit ⑦ is pushed down.

1. Remove the screw ①, and remove the wire holder ②. [Screw ① is Black.]
2. Remove the screw ③, and remove the wire holder ④.
3. Remove the core ⑤ of the T/P cable.
4. Remove four screws ⑥, and disassemble the top cover unit ⑦.

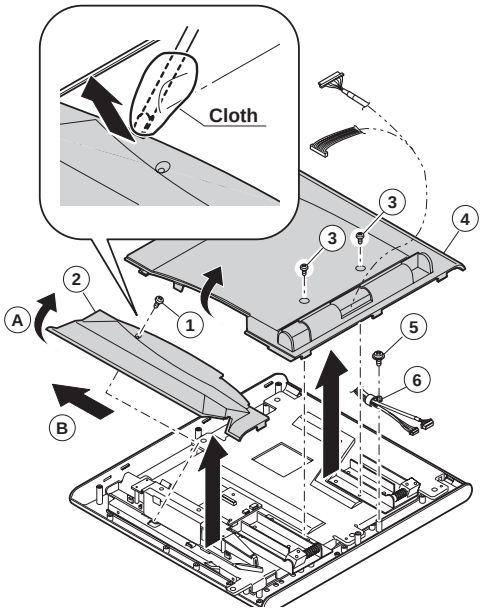


3-3. Removing the LCD cabinet

1. Remove the screw ①.
2. Use a screwdriver to catch the notched section and disassemble the MCR rear cabinet ②.

Caution:
- Wrap the screwdriver with waste cloth when using it without scratching the cabinet.
- Rotate it in the direction of A and slide it in the direction of B, and it will come off easily.

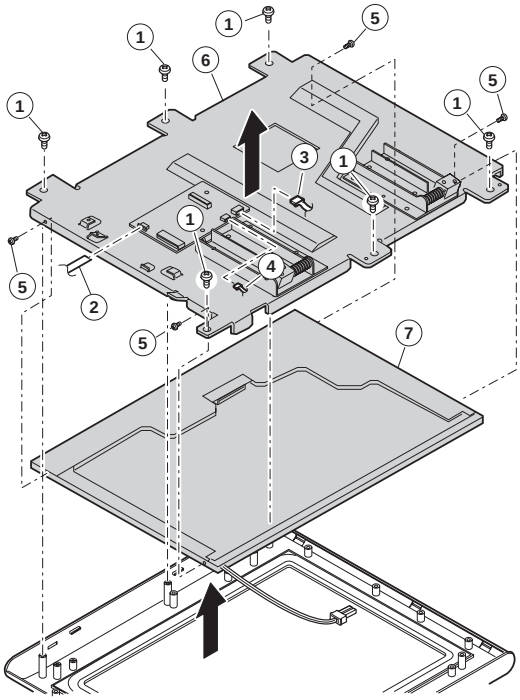
3. Remove two screws ③, and disassemble the LCD rear cabinet ④ from the MCR side.
4. Remove screw ⑤, and disassemble the Clamp ⑥.



3-4. Removing the LCD unit

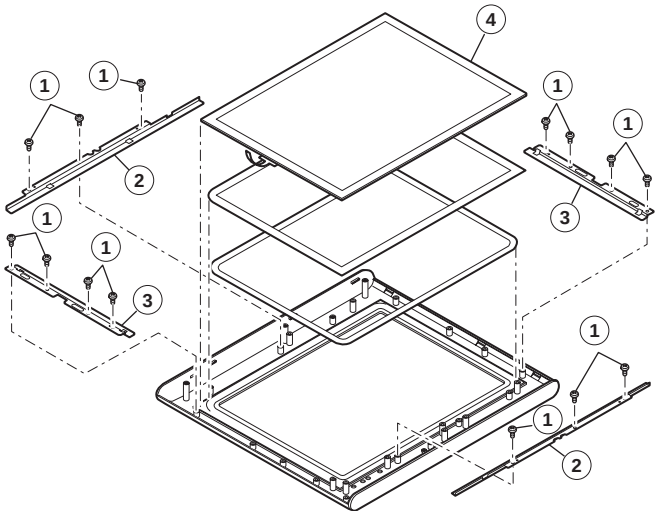
1. Remove six screws ①, and remove the touch panel ②, the inserter cable ③, and the LED cable ④, and disassemble the LCD assembly.
2. Remove four screws ⑤, and disassemble the LCD unit ⑦ from the LCD plate ⑥.

Caution: Tighten the screw ① at 3.5kg.



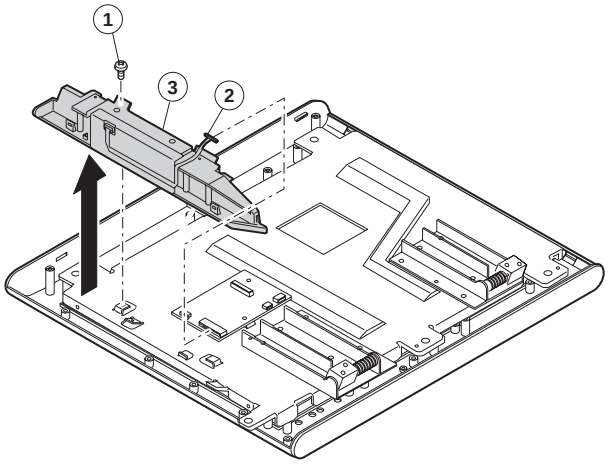
3-5. Removing the touch panel

Remove the T/P angle A ②, T/P angle B ③, with screws ①.
And disassemble the Touch panel ②.



4. Removing the MCR unit

1. Remove the MCR rear cabinet (Reference [3-3]).
2. Remove the screw ①, and remove the MCR cable ② and disassemble the MCR ③.

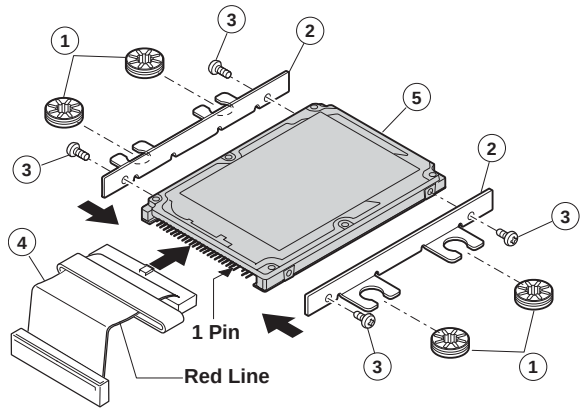


5. Fixing the HDD unit

5-1. Assembly HDD unit

Attach the holder ① to the angle ②, and fix the assembly to the HDD ⑤ with the screw ③. Connect the connector ④ to the HDD ⑤. (Be careful of the direction.)

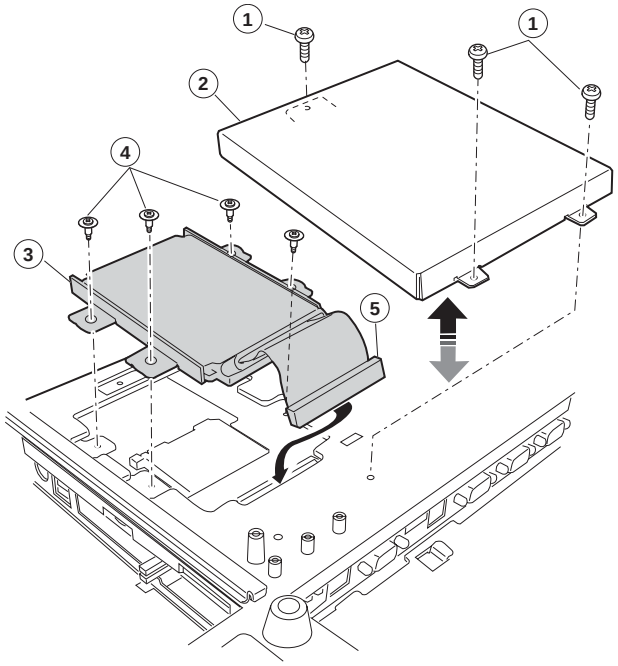
Caution: All the parts are packed together with the set as accessories.



5-2. Fixing the HDD unit

Remove the screw ① and remove the HDD cover ②. Disconnect the connector ⑤ and install the HDD unit ③ with the screw ④.

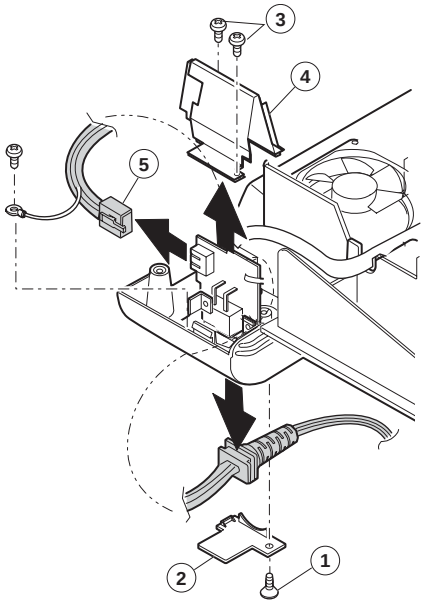
Caution: The screw ④ is packed with the set as an accessory.



6. Removing the AC cord

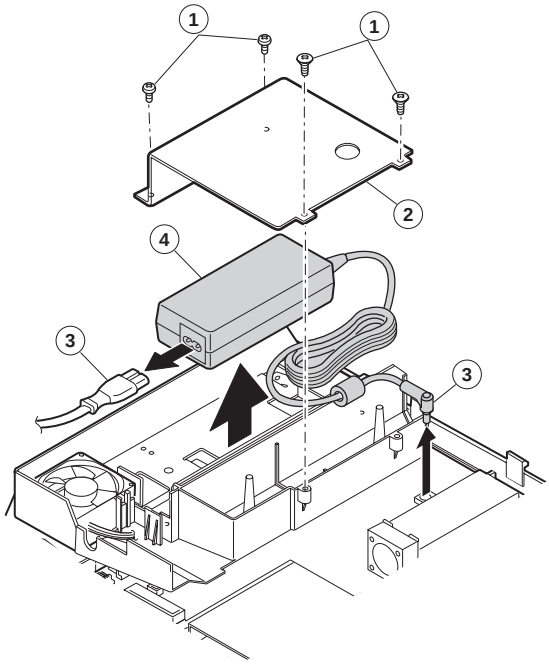
Remove the screw ①, and remove the AC cord cover ②.
Remove the screws ③, and remove the AC cover ④.
Disconnect the connector and remove the earth cable ⑤ and the AC cord.

Caution: Disconnect the power plug from the power outlet before work.



7. Removing the AC adapter

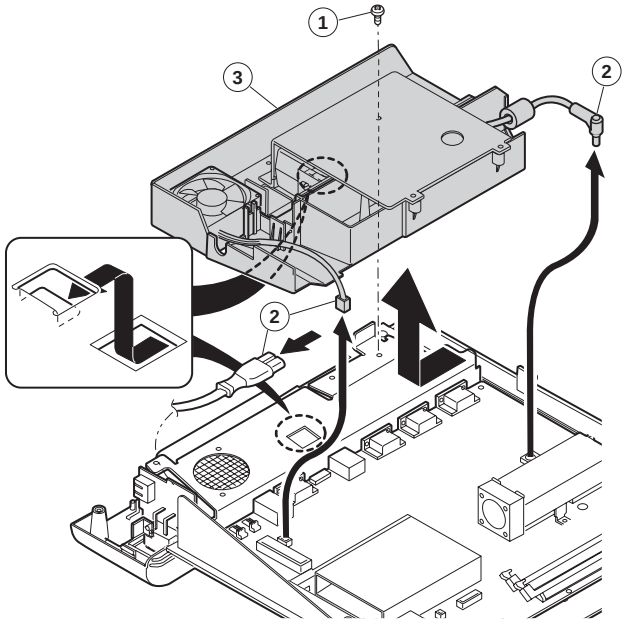
Disconnect each screw ①, and remove the adapter cover ②.
Remove each cabled ③, and remove the AC adapter ④.



8. Removing the Main board

8-1. Removing the AC adapter unit

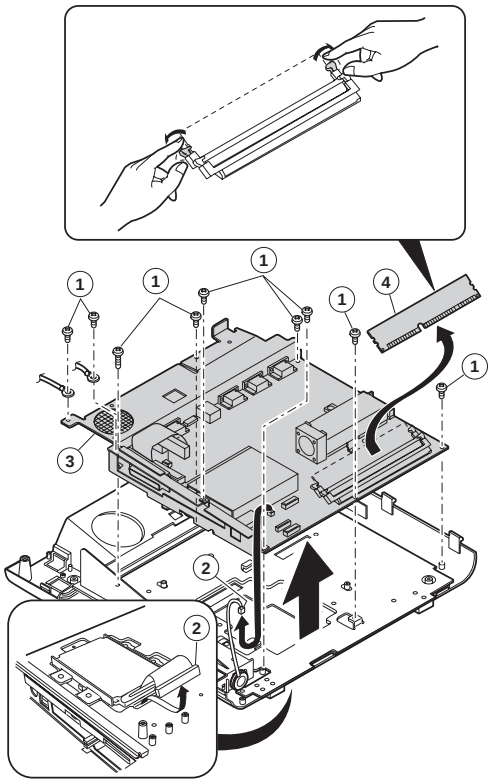
Remove the screw ① and each cable ②. Slide and remove the AC adapter unit ③ as shown in the figure below.



8-2. Removing the main board unit (Extention RAM module)

1. Remove each screw ① and each cable ②, and remove the main board unit ③.
2. Remove Extention RAM module ④.

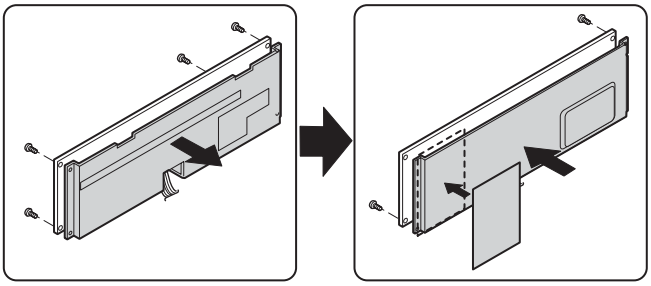
Caution: When installing or removing the memory, be careful not to bring the memory module into contact with the CPU angle and the CPU fan.



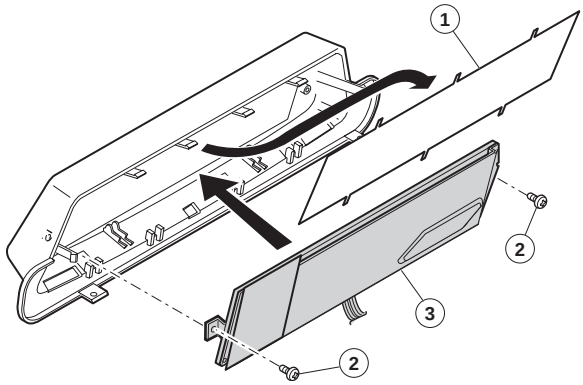
9. COM port connector

9-1. Fixing the rear display (UP-I20DP)

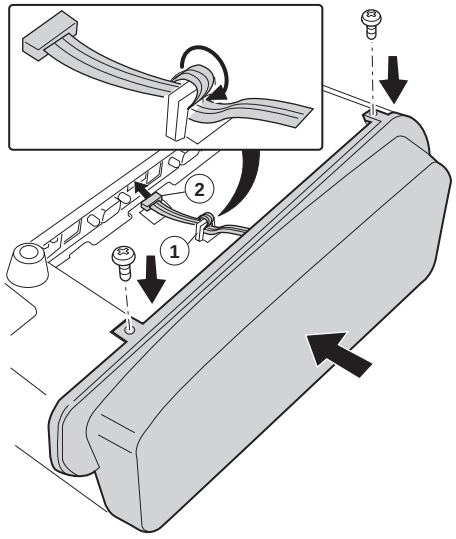
9-1-1. Replace the UP-I20DP sheet metal with a new one.



9-1-2. Remove the display sheet ① and install the UP-I20DP ③ with the screw ②.



9-1-3. Wind the UP-I20DP harness one turn around the rib ①, insert the connector ② and install the rear cover unit.

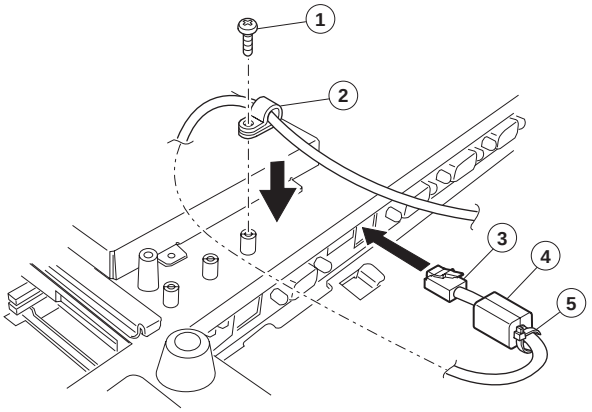


From 2004 February production, the sheet metal for the UP-X500 is included in the package.

9-2. Fixing the pole display (UP-P20DP/DPB)

Fix the cable clamp ② with the screw ①, and attach the UP-P20DP cable ③.

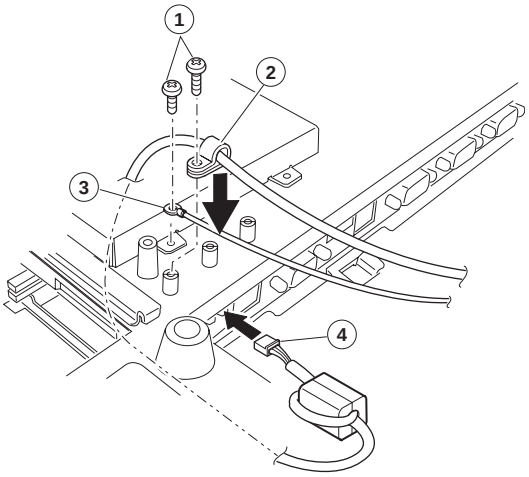
Caution: Parts ①, ②, ④, ⑤ are packed together with the set.



9-3. Fixing the drawer unit (ER-03DW/04DW/05DW)

Fix the cable clamp ② and earth wire ③ with the screw ①, and attach the drawer cable ④.

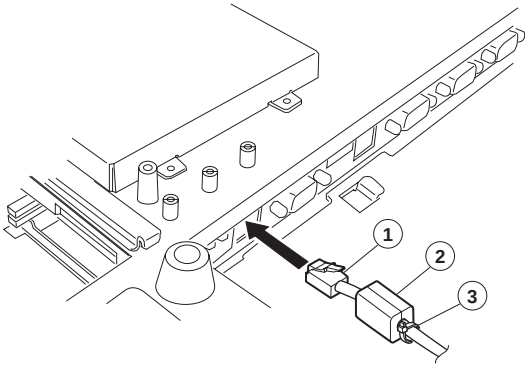
Caution: Parts ①, ② are packed together with the drawer as accessories.



9-4. Fixing the LAN cable

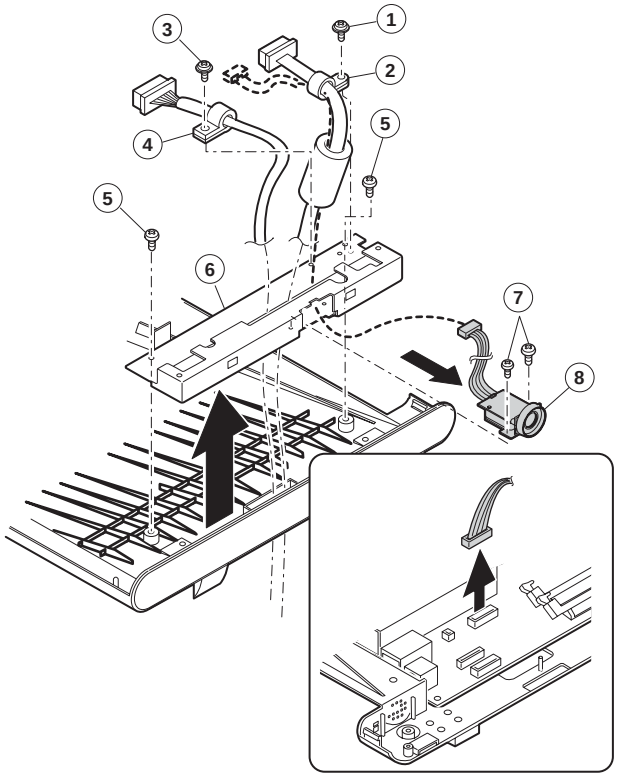
Fix each cable ② with each screw ①, and connect the LAN cable ③.

Caution: Parts ②, ③ are packed together with the set.



10. Removing the contactless clerk key

1. Remove the screw ①, and remove the wire holder ②.
2. Remove the screw ③, and remove the wire holder ④.
3. Remove two screws ⑤, and disassemble the hinge angle ⑥.
4. Fixing the contactless clerk key unit ⑧, with the screw ⑦.



11. Specification

Options <UP-X500V>

Item	Model Name	Specification	Note
Customer Display	UP-I20DP	2 line 20 digits dot display Mounted in the cabinet	
Customer Pole display	UP-P20DP	2 line 20 digits dot display External pole display	
	UP-P20DPB		
Remote Drawer	ER-03DW		
	ER-04DW		
	ER-05DW		
Receipt & Journal Printer	ER-01PU	2 station (Receipt/Journal) printer	
	ER-01PUG		
Hand Scanner	ER-A6HS1	for reading barcode	
Contactless clerk key	UP-R10CL	10 keys set	

SHARP

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SHARP CORPORATION
Digital Document Systems Group
Products Quality Assurance Department
Yamatokoriyama, Nara 639-1186, Japan
2004 January Printed in Japan ⓣ